

AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS:

1. (Original) An electrically powered animal trap, which comprises
 - a set of electrodes for electrocution of an animal, and
 - means for communicating a surveillance signal between the trap and an external surveillance unit.

2. (Original) A trap according to claim 1 further comprising
 - a bottom with an upwardly extending sidewall,
 - a top section,
 - at least one entrance, and
 - an exit.

3. (Previously Presented) A trap according to claim 1 wherein the trap defines a chamber between an entrance and an end section, which end section supports arrangement of bait.

4. (Previously Presented) A trap according to claim 1 wherein the electrodes are arranged sequentially in the direction of the chamber.

5. (Previously Presented) A trap according to claim 1 further comprising means for lifting up the trap.

6. (Original) A trap according to claim 5, wherein the means for lifting comprises at least one leg.
7. (Original) A trap according to claim 6 wherein the at least one leg is adjustable in length.
8. (Original) A trap according to claim 7 wherein the adjustment of the length is actuated by pressurized gas.
9. (Previously Presented) A trap according claim 6 wherein the legs are telescopic legs.
10. (Previously Presented) A trap according to claim 1,
further comprising a receptacle for storing the electrocuted animals.
11. (Original) A trap according to claim 10 wherein the receptacle and the trap is sealed.
12. (Original) A trap according to any of the preceding claims further comprising an electronic circuit including at least one micro processor, wherein the electronic circuit is adapted to generate the high-voltage potential from a low voltage power source upon detection of an animal.
13. (Original) A trap according to claim 12 wherein the animal is detected by an electronic detector connected to the electronic circuit.
14. (Original) A trap according to claim 13 wherein electronic detector is adapted to detect motion of an animal.
15. (Previously Presented) A trap according to claim 13 wherein the electronic detector is adapted to detect weight of an animal.

16. (Previously Presented) A trap according to claim 12 wherein the high-voltage potential is generated in pulses.

17. (Original) A trap according to claim 16 wherein the pulses are in the form of a sinusoidal wave, a step pulse or a series of pulses.

18. (Previously Presented) A trap according to claim 1 wherein the set of electrodes comprises at least 3 electrodes.

19. (Previously Presented) A trap according to claim 1, wherein the surface of the electrodes is rough.

20. (Original) A trap according to claim 19 wherein the roughness of the surface is provided by adhering metal shavings to a metal plate.

21. (Previously Presented) A trap according to claim 18 wherein a first of the electrodes is connected to a second of the electrodes and wherein a third of the electrodes is electrically isolated from the first and second electrodes.

22. (Previously Presented) A trap according to claim 21 wherein the electrocuting is obtained
by generating a high-voltage difference is a low voltage, high capacity DC-battery.

23. (Previously Presented) A trap according to claim 12 wherein the power source for generating the high-voltage difference is a low voltage, high capacity DC-battery.

24. (Previously Presented) A trap according to claim 22 wherein the high-voltage potential is generated upon detection of a leak current through the animal between the first and second electrode.

25. (Previously Presented) A trap according to claim 1, further comprising a lever arm for detecting the presence of an animal.

26. (Previously Presented) A trap according to claim 25 where the high-voltage potential is generated when an animal moves the lever arm.

27. (Previously Presented) A trap according to claim 1 further comprising an entrance ramp.

28. (Original) A trap according to claim 27, wherein the ramp is made from a material selected from the group consisting of: wood, plastic, stainless steel and nickel.

29. (Previously Presented) A trap according to claim 1 further comprising a mount at the entrance such that an additional section can be mounted in front of the entrance.

30. (Original) A trap according to claim 29 wherein the mount section comprises an entrance tube.

31. (Original) A trap according to claim 30 wherein the tube has at least one bent.

32. (Previously Presented) A trap according to claim 30 wherein said tube possesses one of the following shapes: an s-form, an elbow, and a zigzag.

33. (Previously Presented) A trap according to claim 1

further comprising a power adapter that allows direct connection to an existing power network.

34. (Original) A trap according to claim 33 wherein the power adapter is compatible with an input voltage with an AC-amplitude between 110 to 380 V.

35. (Previously Presented) A trap according to claim 12 further comprising a battery charger.

36. (Previously Presented) A trap according to claim 1 wherein the exit is operated automatically upon electrocution of an animal.

37. (Original) A trap according to claim 36, wherein the exit is actuated either electrically, hydraulically, pneumatically, mechanically or by any combination of these.

38. (Previously Presented) A trap according to claim 1 wherein the exit is a trapdoor.

39. (Previously Presented) A trap according to claim 1 wherein the electrodes are shielded from water flooding from above.

40. (Previously Presented) A trap according to claim 1 wherein the electronic circuit is embedded in a waterproof housing.

41. (Previously Presented) A trap according to claim 1 further comprising a water-level detector adapted to send out an electronic signal, in the case water is detected in a level above a predetermined level, and wherein the electronic circuit is

adapted to react in response to an electronic signal from the water level detector by disabling the generation of the high-voltage.

42. (Previously Presented) A trap according to claim 12, wherein the electronic circuit stores an identification code for the trap.

43. (Previously Presented) A trap according to claim 1 wherein the means for communicating a surveillance signal comprises means for transmitting a wireless signal to an external unit provided with a receiver for receiving such a surveillance signal.

43. (Previously Presented) A trap according to claim 1, further comprising a receiving unit for receiving a command signal from the external unit.

44. (Previously Presented) A trap according to claim 1, further comprising a receiving unit for receiving a command signal from the external unit.

45. (Previously Presented) A trap according to claim 43, wherein the wireless signal is an electromagnetic signal.

46. (Previously Presented) A trap according to claim 1 wherein the surveillance signal is only send out upon receiving a request signal.

47. (Original) A trap according to claim 45 wherein the electromagnetic signal is a radio-signal.

48. (Previously Presented) A trap according to claim 45, wherein the frequency of the electromagnetic signal is in the range 2.2 to 2.8 GHz.

49. (Previously Presented) A trap according to claim 1 further comprising means for determining the geographical position of the trap.

50. (Previously Presented) A trap according to claim 1 , wherein the surveillance signal contains information about at least one of the following particulars:

- the number of captured animal,
- the condition of the battery,
- the remains of the bait, the position of the trap, and/or
- an identification code for the trap.

51. (Previously Presented) A trap according to claim 2 wherein the size of the entrance is adjustable.

52. (Original) A trap according to claim 51 wherein the size of the entrance is adjustable via the communication means.

53. (Original) A trap system comprising:

- at least one trap according to claim 1, and
- at least one external unit comprising:
 - communication means for receiving a surveillance signal from the trap and optionally, for transmitting a command signal to the trap, and
 - computer processing means adapted in response to commands from computer software to read the status of either a single trap or an ensemble of traps.

54. (Original) A method for electrocuting an animal comprising the steps of:

- detecting an animal
- updating an information storage with information relating to a total number of electrocutions, and
- transmitting a surveillance signal to an external unit, the surveillance signal comprising the information relating to the total number of electrocutions.

55. (Original) A method where an electrocuting trap comprises a water-level detector adapted to send out an electronic signal, in the case the water level rises above a predetermined level, and wherein an electronic circuit for electrocution is adapted to react in response to an electronic signal from the water level detector by disabling the generation of the high-voltage.